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1600

RAW SEQUENCE LISTING

DATE: 05/08/2003

PATENT APPLICATION: US/09/375,924E

TIME: 10:51:19

Input Set : N:\Crf4\04182003\H375924E.raw

Output Set: N:\CRF4\05082003\I375924E.raw

1 <110> APPLICANT: Gallo, Michael
 2 Foord, Orit
 3 Junghans, Richard
 4 <120> TITLE OF INVENTION: GENERATION OF MODIFIED MOLECULES WITH INCREASED SERUM HALF-
 LIVES
 5 <130> FILE REFERENCE: ABGX-2 CIP
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/375,924E
 7 <141> CURRENT FILING DATE: 1999-08-17
 8 <150> PRIOR APPLICATION NUMBER: US 60/096,868
 9 <151> PRIOR FILING DATE: 1998-08-17
 10 <160> NUMBER OF SEQ ID NOS: 12
 11 <170> SOFTWARE: PatentIn version 3.0 with further intervention
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 16
 15 <212> TYPE: PRT
 16 <213> ORGANISM: homo sapiens
 17 <400> SEQUENCE: 1
 18 Ala Glu Pro Lys Ser Cys Asp Lys Thr His Thr His Thr Cys Pro Pro
 19 1 5 10 15
 21 <210> SEQ ID NO: 2
 22 <211> LENGTH: 16
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <221> NAME/KEY: misc_feature
 27 <222> LOCATION: ()..()
 28 <223> OTHER INFORMATION: modified from human IgG1 hinge region
 29 <400> SEQUENCE: 2
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 33 <210> SEQ ID NO: 3
 34 <211> LENGTH: 12
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Homo sapiens
 37 <400> SEQUENCE: 3
 38 Glu Ser Lys Tyr Gly Pro Pro Cys Pro Ser Cys Pro
 39 1 5 10
 41 <210> SEQ ID NO: 4
 42 <211> LENGTH: 12
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Homo sapiens
 45 <400> SEQUENCE: 4
 46 Glu Arg Lys Cys Cys Val Glu Cys Pro Pro Cys Pro
 47 1 5 10

ENTERED

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49 <210> SEQ ID NO: 5
50 <211> LENGTH: 12
51 <212> TYPE: DNA
52 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 5
54      tctctgggta aa                                12
56 <210> SEQ ID NO: 6
57 <211> LENGTH: 12
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <221> NAME/KEY: misc_feature
62 <222> LOCATION: ()..()
63 <223> OTHER INFORMATION: human gamma-4 constant region, codon modified
64 <400> SEQUENCE: 6
65      tccttaggga ag                                12
67 <210> SEQ ID NO: 7
68 <211> LENGTH: 22
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: ()..()
74 <223> OTHER INFORMATION: PCR primer 1
75 <400> SEQUENCE: 7
76      gggacccacg ggggtgcgagg gc                    22
78 <210> SEQ ID NO: 8
79 <211> LENGTH: 36
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: ()..()
85 <223> OTHER INFORMATION: PCR primer 2
86 <400> SEQUENCE: 8
87      cttccctaag gacatggaga ggctcttctg tgtgtg      36
89 <210> SEQ ID NO: 9
90 <211> LENGTH: 36
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: ()..()
96 <223> OTHER INFORMATION: PCR primer 3
97 <400> SEQUENCE: 9
98      gattccttag ggaaggcaga gcccaaattct agtgac      36
100 <210> SEQ ID NO: 10
101 <211> LENGTH: 34
102 <212> TYPE: DNA

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103 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: ()..()
107 <223> OTHER INFORMATION: PCR primer 4
108 <400> SEQUENCE: 10
109      gccggaattc ggtacgtgcc aagcatcctc gtgc      34
111 <210> SEQ ID NO: 11
112 <211> LENGTH: 23
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: ()..()
118 <223> OTHER INFORMATION: PCR Primer MG-30
119 <220> FEATURE:
W--> 120 <221> NAME/KEY: modified base
121 <222> LOCATION: 21
122 <223> OTHER INFORMATION: inosine
123 <400> SEQUENCE: 11
W--> 124      caggtgcagc tggagcagtc ngg      23
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127 <211> LENGTH: 24
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <221> NAME/KEY: misc_feature
132 <222> LOCATION: ()..()
133 <223> OTHER INFORMATION: PCR Primer MG-40d
134 <400> SEQUENCE: 12
135      gctgagggag tagagtcctg agga      24

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/08/2003
PATENT APPLICATION: US/09/375,924E TIME: 10:51:20

Input Set : N:\Crf4\04182003\H375924E.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 21

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 4

VERIFICATION SUMMARY

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Input Set : N:\Crf4\04182003\H375924E.raw

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L:6 M:270 C: Current Application Number differs, Replaced Current Application Number
L:120 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0